

Title (en)

RIVETING DEVICE AND METHOD FOR SETTING IT UP

Title (de)

HANDHALTBARES NIETGERÄT UND VERFAHREN ZU SEINER EINRICHTUNG

Title (fr)

RIVETEUSE MANUELLE ET PROCÉDÉ POUR SA CONFIGURATION

Publication

EP 3141317 B1 20191106 (DE)

Application

EP 16187560 A 20160907

Priority

DE 102015115057 A 20150908

Abstract (en)

[origin: US2017066043A1] A method for setting up a riveter comprising an electrical drive which is configured to place a blind riveting element in a location hole. The riveter applies a tensile force to a tensile element of the blind riveting element during a rivet placement process so that the tensile element tears away from a remainder of the blind riveting element at a predetermined breaking point at an end of the placement process. The tensile force used to place the blind riveting element is defined by an adjustable maximum value which is determined during the setting up. The method includes performing the placement process with the blind riveting element of the type to be used, acquiring a progression of the tensile force during the placement process, determining at least one characteristic value from the progression, and fixing the adjustable maximum value as a function comprising the at least one characteristic value.

IPC 8 full level

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CPC (source: CN EP US)

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Cited by

US10483901B2; US10771004B2; WO2019012413A1

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